



The GSA IT Centers of Excellence (CoEs) are partnering with Agencies to accelerate their IT modernization by leveraging private sector and government innovation and centralizing best practices and expertise.

Service Catalog

The Data Analytics CoE helps make more efficient use of data management, analysis, and reporting capabilities.

To be successful, the Data Analytics CoE's services employ an approach that simultaneously identifies incremental improvements to the present state while envisioning a desired future state that will achieve greater advancements in program outcomes. The team's methodology is based on an open-source framework for mature information management that addresses a range of core competencies, including:

- business process re-engineering,
- business intelligence,
- enterprise data collection and management,
- data governance, and
- data visualization and reporting.

DATA-DRIVEN CULTURE & GOVERNANCE

Assess governance, tools, and processes maturity. Establish metrics to measure true program value. Analytics maturity assessment and roadmap to a data-driven organization.

DATA INTEGRATION

Catalog data sources and elements. Clean and model data. Extract, transform, load (ETL) development and automation. Implement big data and data lake solutions.

DATA SCIENCE

Exploratory data analysis, customer sentiment analysis, fraud analytics, and geospatial analytics. Statistical and predictive modeling. Data driven decision-support.

DATA VISUALIZATION & STORYTELLING

Align data and analytics to strategic initiatives. Communicate complex ideas with clarity, precision and efficiency. Convey context and translating insights to decisions via online, interactive dashboards and applications. Deliver dashboard and visualization solutions (e.g. Tableau, Qlik, PowerBI).

The success of the IT Centers of Excellence depends on our ability to identify and harness best practices within and outside of government. If you are interested in learning more about the Centers of Excellence or discussing tools or solutions, please reach out to us at connectcoe@gsa.gov. Or visit us at coe.gsa.gov.